

Education Technology Objectives and Strategies for ePeGS Goals

Following are example objectives and strategies for the five CSIP goals required by the DESE ePeGS project. The objectives are examples or place holders, and do not represent an inclusive list of customary CSIP objectives. The strategies are actions for integrating technology to meet the example objectives. These general strategies should be personalized to focus on the district's particular subject area needs, types of instructional rooms, instructional practices, etc.

*Note: The **MSIP** and **METSP** notations indicate where strategies align with the MSIP process standards and indicators and the 2007-11 Missouri Education Technology Strategic Plan's focus areas and major implementation strategies. (See METSP at: <http://dese.mo.gov/divimprove/instrtech/techplan/07-11.pdf>)*

CSIP Goal 1: Student Performance (TFA 1: Student Learning)

Objective 1: All students will engage in rigorous instruction driven by technology-enriched curriculum that meets students' assessed needs, results in high levels of academic achievement and performance, and fosters life-long learning. (**METSP-Student Learning**) (**MSIP 6.1, 6.3**)

Strategy 1: Written curriculum will incorporate content and processes related to equity, technology, research, and workplace readiness skills. (**MSIP 6.1, 6.8, 7.3**) (**METSP S1**)

Strategy 2: District will align local curriculum with NETS*S, the National Educational Technology Standards for Students (or equivalent). (**MSIP 6.1, 6.4, 6.8**) (**METSP S1**)

Strategy 3: District curriculum will inspire educators to use research-based instructional strategies (such as eMINTS or equivalent) that are powered by technology and engage diverse learners in the excitement of learning through student-centered, collaborative, project-based, and inquiry-based activities, and promote research, problem-solving and communication. (**MSIP 6.1, 6.4, 6.8**) (**METSP S1**)

Strategy 4: District will use technology to extend and support student learning beyond the school day and provide access to rigorous courses via alternative instructional delivery systems (such as I-TV, web-based and other including distance learning systems). (**MSIP 6.3**) (**METSP S1, S2**)

Strategy 5: District curriculum will utilize technology in developing students' 21st century skills (information, communication technology, and media literacy). (**MSIP 6.3, 6.4, 6.8**) (**METSP S2**)

Strategy 6: District will use technology to enable/enhance career and post-secondary planning. (**MSIP 6.3, 6.4, 6.8, 7.3**) (**METSP S1, S2**)

Strategy 7: District will use technology to help deliver, monitor, and assess student learning to meet student needs (such as integrated learning systems, computer-assisted instructional software, and electronic assessment tools). (**MSIP 6.1, 6.2, 6.3, 7.1, 7.2, 7.3**) (**METSP S1**)

CSIP Goal 2: Highly Qualified Staff (TFA 2: Teacher Preparation)

Objective 1: All teachers will implement inquiry-based instructional curricula and instruction, and are afforded support of, access to, and appropriate training for using, technology to implement, deliver, monitor, and assess such curricula and instruction. (**METSP-Teacher Preparation and Delivery of Instruction**) (**MSIP 6.7**)

Strategy 1: Teachers will use up-to-date technology tools and resources to support curriculum objectives; tools and resources are readily available for teacher and student use, and training in

the use of the tools and resources (such as eMINTS or equivalent) is provided. (MSIP 6.4, 6.7, 6.8) (METSP T1, T2)

Strategy 2: District will promote and provide effective leadership and professional development that promotes differentiated instruction through the use of technology and makes adequate plans for sustained and beneficial growth in technology integration and educator proficiency; district will use to technology to help provide professional development (e-Learning for Educators program or equivalent) . (MSIP 6.3, 6.4, 6.7, 6.8) (METSP T1, TS1)

Strategy 3: District will provide professional development for teachers and administrators that result in technology proficiency; professional development is aligned with NETS*T and NETS*A, the National Educational Technology Standards for Teachers and Administrators (or equivalent). (MSIP 6.4, 6.7, 6.8) (METSP T1, T2)

CSIP Goal 3: Facilities, Support, and Instructional Resources (TFAs 4: Resource Distribution & 5: Technical Support)

Objective 1: District personnel and students will use appropriate and safe technology tools and resources that address personal, academic, and career needs, in a safe and responsible manner. (MSIP 8.5, 8.10, 8.11) (METSP-Student Learning, Teacher Preparation, Administration, Resource Distribution, and Technical Support)

Strategy 1: District will provide equitable access to appropriate technology tools and resources that are varied and diverse and facilitate differentiated instruction (including electronic resources, assistive technologies, and technology-assisted alternative learning environments). (MSIP 6.2, 6.3, 6.4, 6.8, and 7.1, 7.2, 7.3, 7.4, 7.5, 7.6) (METSP S1, T1, A2, R, TS1)

Strategy 2: District will establish/update technology policies and procedures related to technology hardware, software, connectivity, and technical support standards, including student and educator technology literacy standards (replacement cycle, acceptable use, Internet filtering, recovery and security systems). (MSIP 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1, 8.2, 8.3, 8.6, 8.7) (METSP S2, T2, A2, R1, TS1)

Strategy 3: District will use appropriate technology tools and resources for data collection and analyses to determine district needs and monitor progress. (MSIP 6.2, 6.3, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.7) (METSP A2)

CSIP Goal 4: Increase Parent and Community Involvement (TFA 3: Administration, Data Management, and Communications)

Objective 1: District will provide opportunities for parents and community to observe and use instructional technology; will involve a broad, diverse section of the community on the CSIP (and/or technology) planning committee; and will use technology to facilitate interactive communications among district staff, parents, and community members. (METSP-Administration/Data Management/Communications) (MSIP 7.5, 7.6, 8.2, 8.3, 8.8, 8.9)

Strategy 1: District will provide parents and community members with opportunities to visit instructional rooms and view student work that makes effective use of technology; district will provide opportunities for parents and community members to use district technology tools and resources to develop new skills to meet their continuing education needs. (MSIP 7.6, 8.3, 8.8, 8.9) (METSP A2)

Strategy 2: District will involve integrate technology into the CSIP planning process; the technology committee members will include parents and community members. (MSIP 8.3, 8.8, 8.9) (METSP A1)

Strategy 3: District will use technology tools and resources to disseminate school news and student work and to facilitate input and feedback from parents and community members (email, website, electronic newsletter, online homework assignments, online progress reports, online surveys, automated absentee system, etc.) (MSIP 7.5, 7.6, 8.8, 8.9) (METSP A2)

CSIP Goal 5: Governance (TFA 3: Administration, Data Management, and Communications)

Objective 1: The district will implement effective and efficient administration, data management, and communication processes through the use of technology that further supports teaching and learning. (MSIP 6.2, 6.3, 6.7, 7.1, 7.2, 7.3, 8.1, 8.2, 8.6, 8.7, 8.9, 8.11) (METSP-Administration/Data Management/Communications)

Strategy 1: District will employ/designate technology leadership position to oversee, and coordinate efforts of a representative committee that helps oversee, the district's technology implementation, planning, and evaluation efforts. (MSIP 6.1, 6.3, 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1, 8.2, 8.3, 8.6, 8.7) (METSP A1)

Strategy 2: District will establish/update effective long-range strategies detailing how technology tools and resources support teaching, learning, and administrative activities and help meet the goals and objectives of the district's comprehensive school improvement plan. (MSIP 6.1, 6.2, 6.3, 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1, 8.2, 8.3, 8.6, 8.7) (METSP A1)

Strategy 3: District will establish/maintain a sufficient budget to cover Total Cost of Ownership (a budget line item for technology based on a set percentage rate of the overall budget or per-pupil expenditure). (MSIP 6.4, 6.8, 8.8) (METSP A2)